

INTERNATIONAL SEARCH REPORT

GB2004/002513

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B05B13/06 B05B3/10 F16L55/1645

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B05B F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 160 289 A (BRITISH GAS CORP) 18 December 1985 (1985-12-18) cited in the application	1,3
Y	page 1, line 101 - line 128 page 2, line 27 - line 28 page 2, line 19 - line 100; figures	1-32
Y	EP 0 951 941 A (E I C GROUP ENGINEERING INNOVA) 27 October 1999 (1999-10-27) column 6, line 10 - line 13 column 6, paragraph 37 column 7, paragraph 43; figure 1 ----- -/--	1-33



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

31 August 2004

Date of mailing of the international search report

13/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Brévier, F

INTERNATIONAL SEARCH REPORT

GB2004/002513

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 145 266 A (COSTAIN STREETER LINING) 19 June 1985 (1985-06-19) cited in the application page 4, line 25 - page 5, line 4 page 8, line 21 - line 24 page 10, line 4 - line 17; figures -----	33
A	GB 1 591 409 A (SIARGAS) 24 June 1981 (1981-06-24) page 1, line 80 - line 94 page 2, line 126 - line 128 page 3, line 48 - line 59 -----	1-33
A	US 3 017 855 A (RANKER WILLIAM T) 23 January 1962 (1962-01-23) column 2, line 27 - line 55 -----	1,12-16, 28
A	GB 2 226 865 A (CHEMENCE LTD) 11 July 1990 (1990-07-11) page 8, line 20 - line 25 -----	1,12-16
A	DE 198 22 301 C (PREUSSAG ROHRSANIERUNG GMBH) 9 December 1999 (1999-12-09) claims 1,3 -----	1,20-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

GB2004/002513

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2160289	A	18-12-1985	NONE	
EP 0951941	A	27-10-1999	DE 29807059 U1 EP 0951941 A2	02-07-1998 27-10-1999
EP 0145266	A	19-06-1985	AU 570278 B2 AU 3512884 A DE 3471021 D1 EP 0145266 A2	10-03-1988 16-05-1985 16-06-1988 19-06-1985
GB 1591409	A	24-06-1981	IT 1064336 B IT 1115746 B DE 2715849 A1 DE 2752072 A1 FR 2371242 A1 FR 2371627 A1 ES 464936 A1 US 4178875 A	18-02-1985 03-02-1986 24-05-1978 01-06-1978 16-06-1978 16-06-1978 01-01-1979 18-12-1979
US 3017855	A	23-01-1962	NONE	
GB 2226865	A	11-07-1990	NONE	
DE 19822301	C	09-12-1999	DE 19822301 C1 AU 4896499 A WO 9959730 A1	09-12-1999 06-12-1999 25-11-1999